# OVERALL ICT RELATED TRAINING/ACTIVITIES FROM THE BUREAU OF INFORMATION TECHNOLOGY

| PROGRAMME /ACTIVITIES | OBJECTIVE; OTHER DETAILS | GALLERY |
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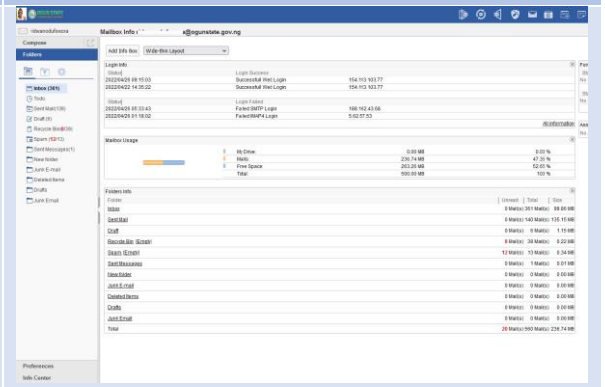
| LAUNCHING OF THE OGUN TECH HUB | The Ogun Tech Hub was launched on the September 3rd, 2019 and it has been involved in training with over 2,500 already trained in Web design, Digital Marketing, Computer IT Essentials, Hardware repairs, data science, Cyber Security, Animation and Cartooning and STEM (for children), etc. Ogun tech hub is an open living lab and pre-incubation space designed to be a multi-functional, multi-purpose space where work to catalyze creative social tech ventures take place | HIS EXCELLENCY PRINCE DAPO ABIODUN (MFR) GOVERNOR OF OGUN STATE |
| ENTERPRISE EMAIL SERVER | Deployed and maintained by the bureau staff. Email addresses have been created for all political, appointees and civil servants while training on emailing system is still on going |  |

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| **INTERNET EXPANSION TO MINISTRIES, DEPARTMENTS AND AGENCIES** | Internet bandwidths of up from 85Mbps to 350Mbps. The metro fibre presence has been increased to a number of agencies via fibre including the State secretariat complex at Oke Mosan, Ogun State Television, Ogun State Broadcasting Corporation, Cultural Centre, Bureau of Transportations, Signage, Ministry of Finance, Ogun State Internet Revenue, Ogun State Printing, SUBEB and Ogun State TechHUB | |
| **SHARED SERVICES AND DATA CENTER** | The Bureau now operates a Data Center and currently have a 42U Rack at the DC. Also the Bureau would soon be deploying the second Rack. The Rack hosts the State mail server and other application servers being used by other MDAs | |
| **UPGRADE OF THE INVERTER POWERING** | The State's internet equipment,<br>This would provide six hours power backup for the equipment around Oke Mosan | |

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| **ELECTRONIC DOCUMENT MANAGEMENT SYSTEM** | An archiving system to store, manage, and retrieve documents. Being able to access, edit, approve and distribute documents in one place helps to centralize operations and streamline processes, especially when less human contact is required during this Global Pandemic, the system has been designed to reduce volume of work and streamline workflow that are or may not be statutorily necessary | |
| **STATE WIDE ICT AUDIT** | The purpose of this RFP is to select a qualified, competent firm to undertake an independent audit of OGSG IT systems in conformity with obtainable requirements. This exercise seeks to evaluate and proffer likely solutions to understanding key business operations, the IT environment, new and on- going IT initiatives, key data information flows, and IT risk management infrastructure (policy, procedures, organization, etc.) | |

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| **WIFI-ENABLED GATEWAY PILOT SCHEME** | Supply of Internet Access (WiFi DONGLE) to Mass Transit Buses Inaugurated by the Ogun State Government | |
| **OGUN DIGITAL ECONOMY INFRASTRUCTURE PROJECT (OGDEIP)** | OGDEIP is a project that will see thousands of kilometers of fiber optic cabling laid across every local government area in Ogun State to expand the digital economy of our dear State and close the digital divide particularly amongst low income and rural-dwelling indigenes<br>OGDEIP aligns with, and supports, the Federal Government's Nigerian Digital Economic Policy (NDEP) and goals contained in the Federal Government's Broadband Policy in respect of increasing broadband penetration particularly to unconnected and underserved areas | |

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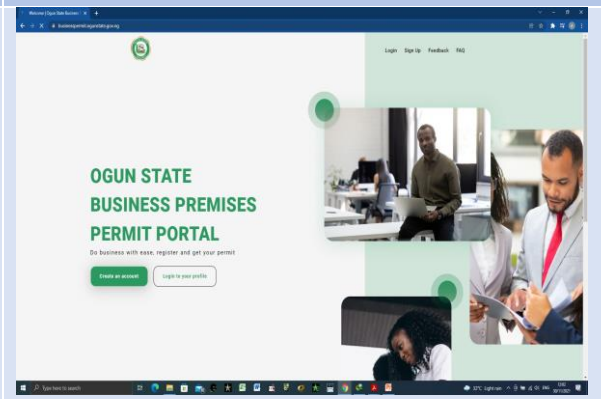
| **ON-GOING CONSTRUCTION OF NOC** | A Network Operations Centre (NOC) is currently under construction in Abeokuta for the administration and monitoring of the State's Internet connectivity, assessment, backup and storage management, Intrusion Prevention System (IPS) in view to sustain the OGDEIP project. | |
| **CALL CENTER** | **UPGRADE OF CALL CENTER:** In collaboration with NCC Ogun State has upgraded her Emergency Call Centre from analogue to IP | |
| **OGUN STATE BUSINESS PERMIT PORTAL** | As part of efforts to remove encumbrances involved in business premises registration and improve the Ease of doing business, the Ogun State Government has launched the **State Business Premises Registration Portal** the launch is a result of different reforms and digitization undertaken by the current Administration aimed at creating an enabling environment for business owners in the State. |  |

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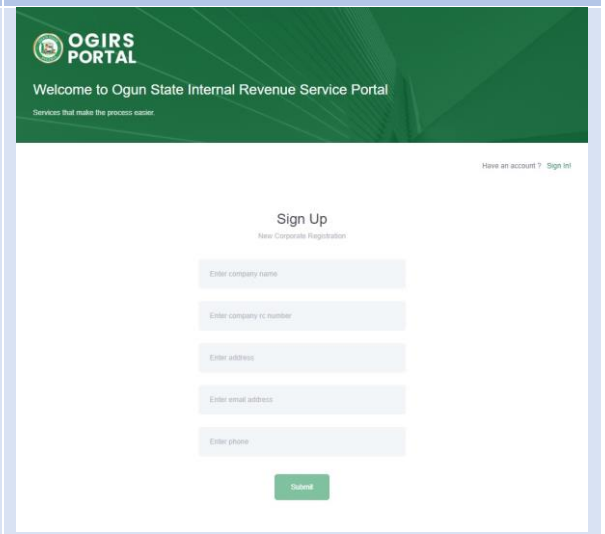
| **E-PROCUREMENT PORTAL** | E-procurement is another module of E-government which has proven itself as one of the effective and efficient tools for bringing good governance to the procurement processes within the State.<br>It has been incorporated into the financial and budgeting systems necessary for managing the end to end procurement process including payment | |
| **OGUN INTERNAL REVENUE SERVICE PORTAL** | **OGETAX** is a web application tailored to ease the payment procedure for taxpayers, help with tax reconciliation, proper accountability, transparency and control the point-to-point activities entailed from onboarding a firm to payment into government coffers remotely to knock off delays in receipt issuances and unforeseen negative human factors. |  |

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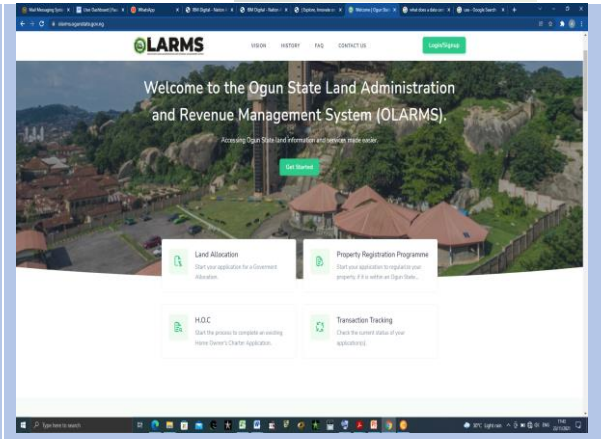
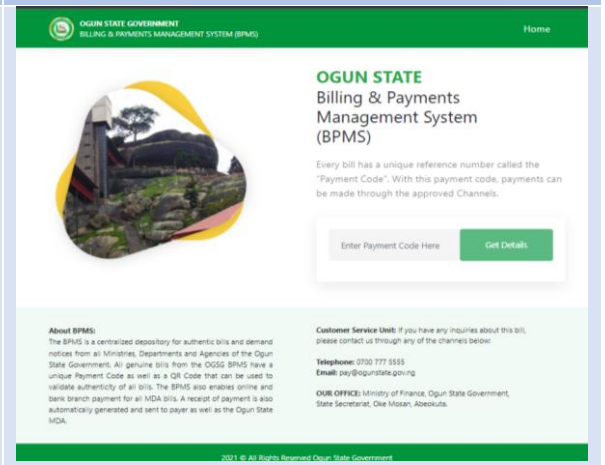
| **OGUN STATE LAND ADMINISTRATION & REVENUE MANAGEMENT SYSTEM (OLARMS) PORTAL** | The Ogun State Land Administration & Revenue Management System (OLARMS) was launched in Oct, 2021 to be an effective land administration platform that will improve and simplify land administrative processes in Ogun State. Diligent management of the state's land is an essential part of the development and planning, to steward the present and future wealth, wellbeing, and prosperity of the people of Ogun Statdie |  |
| **OGUN STATE BILLING AND PAYMENTS MANAGEMENT SYSTEM (BPMS)** | The BPMS is a centralized depository for authentic bills and demand notices from all Ministries, Departments and Agencies of the Ogun State Government. All genuine bills from the OGSG BPMS have a unique Payment Code as well as a QR Code that can be used to validate authenticity of all bills. The BPMS also enables online and bank branch payment for all MDA bills. A receipt of payment is also automatically generated and sent to payer as well as the Ogun State MDA |  |

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| **OGUN E_GOVERNMENT MASTERPLAN FRAMEWORK** | The overall purpose and rationale of the e-Government Masterplan OGUN Project is to strengthen the efficiency and transparency of public administration service.<br>The project objectives are not limited to: deliver sustainable ICT Infrastructure Development and bring about creative ICT regulatory reform to examine and factor-out strategies G2C, G2B, G2G strategies and which projects can be implemented to transform the sector | |
| **ENTREPRENUERSHIP SUPPORT FOR TECH STARTUPS** | BIT through the Ogun Tech Hub, has organized about 3 support programmes for startups aimed at building local solutions to harness the prospects of the digital economy.<br>Some of the solutions were geared at the SDG identified problems.<br>The most recent was organized in Celebration of the Digital Nigeria day | |

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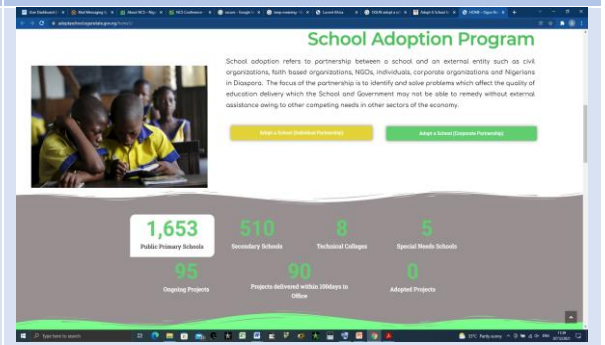
| **VIRTUAL COURT** | IT infrastructure were deployed at the chief judge court room and at Ibara correctional center for the purpose of the virtual court sitting<br>Thus legal cases were treated without any delays. This ensured security | |
| **OGUN ADOPT A SCHOOL PROJECT** | BIT created Ogun Adopt-a-School with MOEST which refers to partnership between a school and an external entity such as civil organizations, faith based organizations, NGOs, individuals, corporate organizations and Nigerians in Diaspora. The focus of the partnership is to identify and solve problems which affect the quality of education delivery which the School and Government may not be able to remedy without external assistance owing to other competing needs in other sectors of the economy |  |

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| **SERVICES TO OTHER MDAS** | Creating a website for Ministry of Information and strategy<br>Supervising the BPMS support team<br>Assisted in backing up and migration of the state server<br>Creation of Website Domain for OGEPA<br>Developing a database and online inventory application for all the hotels within Ogun State | |
| **DIGITAL MARKETING**<br><br>**AUGUST 2019** | As part of the collaborative effort with TechWorld on the need for tech-entrepreneurship training and e-commerce as an aspect of the digital economy.<br><br>Training recorded over 35 participants in attendance. | |

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| **WEB DEVELOPMENT TRAINING**<br><br>**AUGUST 2019** | The web development training was held at the Ogun Tech Hub for program Analyst to help them in maintaining the State's website and to prepare them for the expansion which will entail web portals to other MDAs inclusion of payment gateways for revenue generating MDAs.<br><br>30 participants attended the week-long training. | <br>WEB DEVELOPMENT TRAINING @ OGUN TECH HUB (AUG.2019) |
| **3D ANIMATION AND CARTOONING TRAINING FOR PUBLIC/GOVERNMENT PRIMARY SCHOOL STUDENTS**<br><br>**SEPTEMBER 2019** | The Bureau engaged government schools to create an equal platform for them to learn basic digital skills at the hub where they have easy access to computer system for hands-on-practice.<br><br>Over 100 students attended from about 20 schools. | <br>3D ANIMATION & CARTOONING, WEB DEVELOPMENT, ROBOTICS,ELECTRONICS EMBEDED TRAINING FOR OGUN KIDS TECH CLUB @ OGUN TECHUB (SEPT. 2019) |

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| **ROBOTICS AND EMBEDDED FOR PRIVATE SENIOR SECONDARY SCHOOLS**<br><br>**SEPTEMBER 2019** | Senior school students took part in robotics training and embedded electronics at the Hub. They were exposed to drone operations, robotics arm etc.<br><br>Over 100 students attended from across the 3 senatorial districts of the State. | <br>3D ANIMATION & CARTOONING, WEB DEVELOPMENT, ROBOTICS,ELECTRONICS EMBEDED TRAINING FOR OGUN KIDS TECH CLUB @ OGUN TECHUB (SEPT. 2019) |
| **SMARTMAIL TRAINING FOR PROGRAM ANALYSTS**<br><br>**OCTOBER 2019** | A train-the-trainer training session on the smartmail training for program analyst who will eventually become instructors to training other officers on the use of the mail.<br><br>About 30 participants were trained as instructors for the smartmail. | <br>SMARTMAIL TRAINING FOR PROGRAMME ANALYSTS @ OGUN TECHUB (OCT. 2019) (TRAIN-THE-TRAINNER) |

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| **IT ESSENTIALS FOR PROGRAM ANALYST**<br><br>**OCTOBER 2019** | IT Essential; a foundational digital skill from the CISCO Networking academy is essential to all within the IT profession.<br>Following the launch of the Ogun Tech Hub, all program analyst within the service were mandated to take the course particularly the newly recruited to help them optimize their efficiency.<br><br>Over 50 participants attended the 1-week training at the Ogun Tech Hub | <br>IT ESSENTIALS TRAINING FOR PROGRAMME ANALYST @ OGUNTECHUB (OCT. 2019) |
| **OGUN TECH KIDS**<br><br>**NOVEMBER 2019** | A vacation training course for kids on digital literacy to engage them as the saying goes; "catch them young." | <br>PART2: 3D ANIMATION & CARTOONING, WEB DEVELOPMENT, ROBOTICS,ELECTRONICS EMBEDED TRAINING FOR OGUN KIDS TECH CLUB @ OGUN TECHUB (NOV. 2019) |

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| **DATA SCIENCE WITH DR. OLALEKAN**<br><br>**NOVEMBER, 2019** | The Bureau held a 5-day training course on Data Science, Machine Learning and Artificial Intelligence with Dr. Olalekan Samuel, South Africa.<br>Over 50 participants participated from across the nation. There were participants who came from the north and eastern parts of the country for the training. | <br>DATA SCIENCE/ARTIFICIAL INTELLIGENCE (FACILITATOR FROM SOUTH AFRICA) @ OGUNTECHUB NOV. 2019 |
| **SMARTMAIL TRAINING FOR PERMANENT SECRETARIES IN OGUN STATE**<br><br>**JAN-FEB 2020** | Sequel to the adoption of the official email; name@ogunstate.gov.ng by His Excellency, the Bureau was given the mandate to train all officers on the use of the official email to ensure all internal and external correspondences on official matters should be on the mail.<br><br>The smartmail training began with the administrative heads across all the MDAs; the Permanent Secretaries, Director-Generals etc. at the Hub. | <br>SMARTMAIL TRAINING FOR ALL OGUN STATE CIVIL SERVANTS @ OGUN TECHUB (FEB. 2020) |

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| **SMARTMAIL TRAINING FOR DIRECTORS FROM ACROSS THE MDAS**<br><br>**FEBRUARY 2020** | As management board members of their respective agencies, Directors from across all the MDAs converged at the Hub to understand the mail system for official purposes. | <br>SMARTMAIL TRAINING FOR ALL OGUN STATE CIVIL SERVANTS @ OGUN TECHUB (FEB. 2020) |
| **SMARTMAIL TRAINING FOR SENIOR OFFICERS WITHIN THE CIVIL SERVICE FROM ACROSS THE MDAS**<br><br>**FEBRUARY 2020** | Sequel to the directive to adopt an official mail with the registered domain name of the state, all official government matter is expected to be communicated only on the official mail.<br>Hence the need to acquaint all officers with the new mailing system; name@ogunstate.gov.ng<br><br>All officers from grade level 6 and above took part in the training from across all the state's MDAs. | <br>SMARTMAIL TRAINING FOR ALL OGUN STATE CIVIL SERVANTS @ OGUN TECHUB (FEB. 2020) |

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| **CISCO INSTRUCTOR'S TRAINING**<br><br>**JUNE, 2020** | Ogun State is in partnership with Cisco Networking Academy to launch Ogun TechHub Cisco Academy under her Bureau of Information Technology. The instructors are State officers who went through a detailed training session from the renowned Cisco Networking on IT Essential. | |
| **CAPACITY BUILDING TRAINING FOR CIVIL SERVANTS**<br><br>**AUGUST 2020** | ICT training for civil servants on computer basics, basic maintenance routines and office productivity to help them get-through their daily office activity thus increasing efficiency at work. | |

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| **VIRTUAL SEMINAR** | the Bureau of Information Technology deployed videoconferencing tools (hardware & Software) to launch and aid successful virtual meetings/seminars and workshops one of which is **"Preparing our Academia for the Digital Economy"** | |
| **OGUN TECH KIDS**<br><br>**SEPTEMBER 2020** | A program in partnership with TechWord Academy to create and build the interest of Information Technology into the younger generations. Participants were able to practically experience the following programs:<br>✓ Robotics<br>✓ 3D Animation and Cartooning<br>✓ Embedded designing (Electronics)<br><br>About 150 students participated | |

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| **ABOCODERS**<br><br>**OCTOBER 2020** | AboCoders is a project that aims in removing obstacles to a productive and prosperous life for young women from low income families in underserved locations in Nigeria.<br>Courses taught were:<br>• Data Science<br>• Machine Learning<br>• Web development<br><br>Abocoders runs quarterly with an average attendance of 25 participants per quarter | |
| **OGUN SMART CLASS INITIATIVE** | Ogun State BIT partner with a private institution (E2DMC) to distribute interactive Smarts boards to schools for learning.<br>This Smart boards can aid and correct teachers handwriting, drawing to make them perfect. They can also record the teacher's voice so it can be downloaded for the students to take home.<br>This was distributed to enhance learning in class rooms | |

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| **SDG SOLUTION CONVERGENCE** | Ogun State through the Ogun Tech Hub, has organized about 3 support programmes for startups aimed at building local solutions to harness the prospects of the digital economy.<br>Some of the solutions were geared at the SDG identified problems.<br>The most recent was organized in Celebration of the Digital Nigeria day. | |
| **IT TECHNICAL TRAINING – TEACHERS' FEST**<br><br>**DECEMBER 2020** | Over 1,000 teachers in Ogun State participated and benefitted from the collaborated event held in honour of Ogun Teachers tagged Teacher's Fest.<br>IT skill Training like mobile phone repairs, analogue wrist watch repairs etc. were offered free to teachers to keep them updated and prepared in contemporary digital world.<br><br>Over 1,000 participated | |

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| **ICT TRAINING IN COLLABORATION WITH CISCO NETWORKING ACADEMY & NCS-OGUN CHAPTER**<br><br>**JAN-FEB 2021** | The Bureau of Information Technology offers professional IT skills training in collaboration with Nigeria Computer Society (NCS) to civil servants and the general public on these CISCO certified courses:<br>• - Digital Literacy;<br>• - Cyber Security;<br>- IoT (Internet of Things) online and physical interaction with instructors. Over 200 participants enrolled/benefitted from the Post Covid virtual classes.<br><br>About 100 civil servants participated | |
| **CISCO LEARN-A-THON CYBERSECURITY TRAINING** | The CISCO Learn-a-thon was organized by CISCO across all verified Academies on the proficiency of Cyber Security for registered students. Ogun Tech Hub Academy participated with 374 registered participants onboard the Cisco Cyber Security Learn-a-thon program.<br><br>About 200 people participated | |

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| **FEBRUARY 2021** | | |
| **INTERNATIONAL GIRLS' IN ICT**<br><br>**APRIL 2021** | International Girl's in ICT was celebrated in Collaboration with Cisco Networking Academy.<br>STEM classes were held to enlighten and enable participants perform basic science experiments such as creating a simple security alarm system to first steps in robotics. This is a practical approach to spur the interest of our girls into Technology.<br><br>58 participants joined the event virtually for the grand finale. | |
| **OGUN TRAIN THE TEACHER ON PYTHON PROGRAMMING & ARTIFICIAL INTELLIGENCE**<br><br>**APRIL 2021** | This program is organized collaboratively with Data Science Nigeria (DSN), Lead Resources, Computer Teachers Association of Nigeria (CTAN), Nigeria Computer Society (NSC), aimed towards the grass root development of ICT. To train the teachers; is to equip the students with competent hands/mentors for a brighter future.<br><br>Over 2500 teachers from across the 20 Local Government in the State representing their respective schools partook in the workshop. | |

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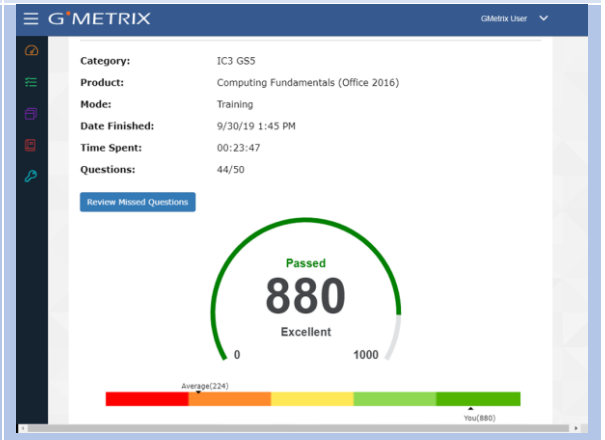
| | 100 Complimentary copies of the book "Beginners' Artificial intelligence & Python Programming For Primary and Junior Secondary Schools (Grades 4-8)" were issued out free for the best participating teachers. | |
| **DIGITAL LITERACY ASSESSMENT** | Conducted **Digital Literacy Assessment Exercise** on IC3 digital literacy certification with Comit Tech Ltd to identify the digital divide amongst 600 randomly selected candidates from the public/private sector in Ogun State. From the analysis generated from the assessment it will help establish key areas to concentrate on staff training and subsequently develop a new policy within the service |  |
| **OGUN TRAIN SECRETARIES ON**<br><br>**JUNE 2021** | The Bureau of IT collaborated with Nigeria Computer Society (NCS-Ogun State Chapter) to organize a 4-day training for secretaries across tertiary institutions within Ogun State.<br><br>35 participants benefitted from this training. | |

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| **ICT/STEAM SUMMER COACHING FOR PRIMARY AND SECONDARY STUDENTS**<br><br>**AUGUST 2021** | A joint collaborative training effort by NCS-Ogun State Chapter, STEAMAcad & Omo-Oye Foundation. It is channeled to build the capacity of the younger generations during school vacation on ICT based skillset such as coding, WebApp development, Graphics, Animation and Algorithms particularly to students between the ages of 7-15yrs across four (4) LGAs in Ogun State, to kindle their interest on ICT and preparing them for digital economy.<br><br>Over 500 students benefitted from the training | |
| **DIGITAL NIGERIA DAY**<br><br>**OCTOBER 2021** | The Bureau organized a pitching event for tech startups during the 3-day long celebration of the Digital Nigeria Day in Ogun State.<br>Five contenders compete together and were given prizes and the overall winner was linked with GETFUNDEDAFRICA. | |
| **KIBO – OGUN STATE PRINCIPAL'S WORKSHOP.** | Kibo a global online university that provides job-ready-skills for young Africans to thrive in tech. it also runs a learning program for school | |

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| **BUREAU OF IT WITH OGUN TECH COMMUNITY AND KIBO. FEBRUARY 2022** | children on Science Technology Engineering Mathematics) STEM education in Africa. | |
| **DIGITAL LITERACY** | ICT skills training with Tech4Dev to train TRACE officials on computer basic operations and key applications | |